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PENNIE & EDMONDS LLP
RAHUL PATHAK
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036

10752-004-999

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ASSIGNOR:

YANG, QINGHONG ✓

DOC DATE: 06/30/2001

ASSIGNOR:

YANG, WENDY ✓

DOC DATE: 07/04/2001

ASSIGNOR:

LISHANSKI, ALLA ✓

DOC DATE: 07/10/2001

ASSIGNEE:

FRESHGENE, INC. ✓
325 MIDDLEFIELD ROAD, MMRI BLDG.
MOUNTAIN VIEW, CALIFORNIA 94043

SERIAL NUMBER: 09804661 ✓
PATENT NUMBER:

FILING DATE: 03/12/2001
ISSUE DATE:

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ASSIGNMENT DIVISION
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PATENTS ONLY

Attorney Docket Number

10752-004-999

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS

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Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

07/23/01
Qinghong Yang, Wendy Yang and Alla
LishanskiAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: June 30, 2001, July 4, 2001, and July
10, 2001, respectively

2. Name and address of receiving party(ies):

Name: FreshGene, Inc.Address: 325 Middlefield Road, MMRI Bldg.
Mountain View, CA 94043

Country (if other than USA): _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/804,661

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 100366. Number of applications
and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00
Please charge to the deposit account listed in
Section 8.8. Deposit account number:
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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.*Rahul Pathak42,983

Signature

July 23, 2001

Date

Name of Person Signing Reg. No.

For: Samuel B. Abrams (Reg. No. 30,605)

Total number of pages including cover sheet:

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08/02/2001 GT0N11 00000241 161150 09804661

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ASSIGNMENT

WHEREAS, WE, Qinghong Yang, Wendy Yang and Alla Lishanski, ASSIGNORS, citizens of the People's Republic of China, the United States and Russia, respectively, residing at 1901 Rock Avenue, Apt. #108, Mountain View, California 94043, 1901 Rock Avenue, Apt. #108, Mountain View, California 94043, and 840 Meridian Way, #110, San Jose, California 95126, respectively, are the inventors of the invention in METHODS FOR DETECTION OF DIFFERENCES IN NUCLEIC for which we have executed an application for a Patent of the United States

- ☑ which is identified by Pennie & Edmonds LLP docket no. 10752-004-999
- ☑ which was filed on March 12, 2001, Application No. 09/804,661

and WHEREAS, FreshGene, Inc., 325 Middlefield Road, MMRI Bldg., Mountain View, California 94043, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

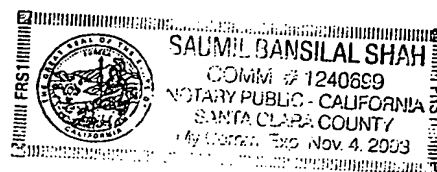
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 6/30/01, 2001 Qinghong Yang L.S.
QINGHONG YANG

State of California } SS:
County of Santa Clara

On 30th June, 2001, before me, Saumil B. Shah, Notary Public, personally appeared Qinghong Yang, personally known to me ^{proved to me} on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Saumil Bansilal Shah

Date July 4th, 2001, Wendy Yang L.S.

State of California }
County of Sacramento } SS.:

On July 4th, 2001, before me, Larry C. Vo, Notary Public,
personally appeared Wendy Yang, ^{proved to me} personally known to me on the basis of satisfactory evidence to be the person(s)
whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon
behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Larry C. Vo



Date 7/10/01, 2001, Alla Lishanski L.S.

State of California }
County of Santa Clara } SS.:

On July 10th, 2001, before me, Ron K Ikebe, Notary Public,
personally appeared Alla Lishanski, ^{proved to me} personally known to me on the basis of satisfactory evidence to be the person(s)
whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon
behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Ron K Ikebe

